Patent claims

1. A centrifuge having a rotor (1) for holding a sample to be centrifuged, the rotor (1) being detachably seated on a rotary shaft (4) that is connected to a drive (11), characterized in that the rotor (1) is assigned a transponder (10) and the latter is assigned on a static element an antenna (14) that is connected to a write/read unit (17).

2. The centrifuge as claimed in claim 1, characterized in that the transponder (10) is arranged on a lower plane surface (8) of the rotor (1).

3. The centrifuge as claimed in claim 2, characterized in that a groove (9) for holding the transponder (10) is introduced into the lower plane surface (8) of the rotor (1).

4. The centrifuge as claimed in claim 3, characterized in that the transponder (10) is of disk-shaped configuration.

5. The centrifuge as claimed in claim 3 or 4, characterized in that the transponder (10) is bonded into the groove (9).

6. The centrifuge as claimed in at least one of claims 2 to 5, characterized in that the antenna (14) is arranged on or in a motor flange (13) assigned to the lower plane surface (8) of the rotor (1).

7. The centrifuge as claimed in at least one of claims 1 to 6, characterized in that the antenna (14) is of annular configuration.